

Wayne
7222

Application to Revise a Notice of Intention to Commence Small Mining Operations or Exploration

RECEIVED

FEB 26 2016

DIV. OF OIL, GAS & MINING

Operator: Bromide Mining LLC

Mine Name: Bromide Basin

File Number: E or S 1171 0031

Provide a detailed listing of all changes to the Notice that will be required as a result of this change. Individually list all maps and drawings that are to be added, replaced, or removed from the Notice. Include page, section and drawing numbers as part of the description.

DETAILED SCHEDULE OF CHANGES TO THE NOTICE

Description of map, text, or materials to be changed

ADD	REPLACE	REMOVE	NOI
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments and obligations, herein.

Shane Scott
Print Name

JA General Manager
Sign Name, Position

02/26/2016
Date

Return to:

State of Utah
Division of Oil, Gas and Mining
Attn: Minerals Regulatory Program
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Phone: (801) 538-5291 Fax: (801) 359-3940

P:\GROUPS\MINERALS\WP\FORMS\notices\Draft\MR-REV-SMO-EXP.docx

FOR DOGM USE ONLY:

File #: / /

Approved: _____

Bond Adjustment: from (\$) _____
to \$ _____

Instructions to Revise a Notice of Intention to Commence Small Mining Operations or Exploration

When a Notice of Intention to Commence Small Mining Operations or Exploration (Notice) requires change an Application to Revise a Notice of Intention to Commence Small Mining Operations or Exploration must be submitted. Changes may include Operator address or operational changes. When operational changes are proposed the change may not be implemented until the Division determines that the revised Notice is complete and if necessary a revised reclamation surety approved. The Notice must include all information, concerning the revision, that would have been required if it had been included in the original Notice.

Instructions:

- Changes to the Notice are made by providing a completely new Notice or by adding, replacing, or removing pages to the current Notice. Detailed instructions for adding or replacing pages and maps must be included (please identify on the attached form MR-REV-SMO).
- The revised Notice should be accompanied by a cover letter: referring to the permit number, operator name and mine; content description; and referencing any Division action that initiated the change (i.e. Notice of Violation, previous review, inspection).
- The submitted revision must be complete and should not rely on additional materials that will be submitted at a later date.
- Form MR-REV-SMO, or equivalent, must be submitted with the application for change. After the Division approves the change, a copy will be stamped "approved" and returned to you.

This Section for DOGM Use:

Assigned DOGM File No.: S 0170031

DOGM Lead: Wayne

Permit Fee \$ Ck #

7222

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Telephone: (801) 538-5291 Fax: (801) 359-3940

RECEIVED

FEB 26 2016

DIV. OF OIL, GAS & MINING

NOTICE OF INTENTION TO COMMENCE SMALL MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1987, and the General Rules as promulgated under the Utah Minerals Regulatory Program.

Note on confidentiality: Information provided in the notice of intention relating to the location, size, or nature of the mineral deposit that is clearly marked confidential will be protected as confidential. Each page or map requested to be kept confidential must be stamped or marked as such. The requested confidential information must describe how the confidential material relates to the location size or nature of the mineral deposit; provide a written claim of business confidentiality; and/or include a concise statement of reasons supporting the claim of business confidentiality, unless disclosing the location of explosives or historic, prehistoric, paleontological, or biological resource that must be considered confidential under statute.

"Small Mining Operations" mining operations which have a disturbed area of five or less surface acres at any time.

I. GENERAL INFORMATION (Rule R647-3-104)

1. Name of Mine: Bromide Basin
2. Legal name of entity (or individual) for whom the permit is being requested: Bromide Mining LLC
Mailing Address: 100E 20N
City, State, Zip: Hanksville Utah 84734
Phone: 435 542 2801 Fax:
E-mail Address: s.scott@bromidemining.com / b.jansen@bromidemining.com

Type of Business: Corporation () LLC (X) Sole Proprietorship (dba) ()
Partnership () General _____ or _____ limited
Or:
Individual ()

Entity must be registered (and maintain registration) with the State of Utah, Division of Corporations (DOC) www.commerce.utah.gov.

Are you currently registered to do business in the State of Utah? G Yes X G No

Entity # 264407331 (fein)

If no, contact www.commerce.utah.gov to renew or apply.

Local Business License # 238 (if required)

Issued by: County Garfield County or City

3.

Contact Person(s)

Name: Shane Scott Title: General Manager
 Address: 290A Center Street
 City, State, Zip: Hanksville Utah 84734
 Phone: 435 542 2801 Fax: _____
 Emergency, Weekend, or Holiday Phone: 305 812 8312
 E-mail Address: s.scott@bromidemining.com

Contact person to be notified for: permitting (X) surety () Notices (X) (please check all that

Name: Shane Scott Title: General Manager
 Address: 100E 20N
 City, State, Zip: Hanksville Utah 84734
 Phone: 435 542 2801 Fax: _____
 Emergency, Weekend, or Holiday Phone: 305 812 8312
 E-mail Address: s.scott@bromidemining.com

Contact person to be notified for: permitting () surety () Notices () (please check all that apply)

Registered Utah Agent (as identified with the Utah Department of Commerce) (if individual leave blank):

Name: _____
 Address: _____
 City, State, Zip: _____
 Phone: _____ Fax: _____
 E-mail Address: _____

4.

If Business is a Sole Proprietor:

Name of Owner: _____ Title: _____
 Business Address: _____
 City, State, Zip: _____
 Phone: _____ Fax: _____
 E-mail Address: _____

If Business is a Corporation:

Name of Officers: _____ Title: _____
 _____ Title: _____
 _____ Title: _____
 _____ Title: _____
 Headquarters Address: _____
 City, State, Zip: _____
 Headquarters Phone: _____ Fax: _____
 E-mail Address: _____

If Business is a Limited Liability Company: Member Managed G Manager Managed G

Name of 1st Member/Manager: Erez Goldgraber Title: Mr.
 Business Address: 80 SW 8th Street suite 2000
 City, State, Zip: Miami Florida 33130
 Phone: 786 477 6229 Fax: 866 803 1907
 E-mail Address: e.goldgraber@bromidemining.com

Name of 2nd Member/Manager: _____
 Business Address: _____
 City, State, Zip: _____
 Phone: _____ Fax: _____
 E-mail Address: _____

If Business is a Partnership:

Name of Partner: _____
Business Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

5. Ownership of Land Surface:

Private (X) G Public Domain (BLM) X National Forest (USFS) G
State Trust Land/School Sections G State Sovereign Lands G

Other (please describe): _____
Name Bromide Mining LLC Address P.O. Box 121 Hanksville Utah 84734

Name BLM Address P.O. Box 99 Hanksville Utah 84734
Name _____ Address _____
Name _____ Address _____

6. Ownership of Minerals:

Private (Fee) G Public Domain (BLM) G National Forest (USFS) G
State Trust Land/School Sections G State Sovereign Lands G

Other (please describe): _____
Name _____ Address _____
Name _____ Address _____
Name _____ Address _____
Name _____ Address _____

BLM Lease or Project File Number(s) and/or USFS assigned Project Number(s): _____

BLM Claim Numbers UMC-110546 UMC-360360

Utah State Lease Number(s): ML-52266

Name of Lessee(s) Bromide Mining LLC

7. Have the above surface and mineral owners been notified in writing?

Yes X No _____

If no, why not? _____

*Please be advised that if State Trust Lands are involved, notification to the Division of Oil, Gas and Mining alone does not satisfy the notification requirements of Mineral Leases upon State Trust Lands. Exploration or mining activity on State Trust Lands requires a minimum of 60 days notice to the Trust Lands Administration **prior** to commencing any activities. Please contact the School Institutional Trust Lands Administration (SITLA) at (801) 538-5508 for notification requirements.*

8. Does the Entity have legal right to enter and conduct mining operations on the land covered by this notice? Yes X No _____

II. **PROJECT LOCATION & MAP** (Rule R647-3-105)

1. **Project Location & Map** (legal description):

County(ies): Garfield

NE 1/4, of SE 1/4, of _____ 1/4: Section: 34 Township: 31-S Range: 10E
NE 1/4, of SW 1/4, of _____ 1/4: Section: 35 Township: 31-S Range: 10E
_____ 1/4, of _____ 1/4, of _____ 1/4: Section: _____ Township: _____ Range: _____

UTM East 518 600 (if known) UTM North 4 213 200 (If known)

Name of Quad Map for Location: Mount Ellen Quadrangle

2. **Location and Operations maps** must be plotted at a scale to accurately identify locational landmarks and operations details. All maps must include a north arrow, scale, appropriate labels, and title box including the mine name, township, range and section.
- a. The **general location map** must be the scale of a USGS 7.5 minute series map or equivalent (1"=2000') and identify new or existing access roads.
- b. The **operations map** (1"=200' or other scale as determined necessary by the Division) must be labeled and identify:
- i. The area to be disturbed;
 - ii. The location of any existing or proposed operations including access roads, drill holes, trenches, pits, shafts, cuts, or other planned activities; and
 - iii. Any adjacent previous disturbance for which the operator is not responsible.
- (Contact the Division for a list of consultants and land surveyors for mapping assistance.)
3. The proposed (5 acre or less) disturbed area (including access/haul roads) should be marked in the field ON THE GROUND with metal T-Posts (or with some other marker of equal effectiveness). Markers should be appropriately spaced so that the next marker in either direction is clearly visible with the naked eye.

III. **OPERATION PLAN** (Rule R647-3-106)

1. **Type of mining:** Surface ☒ Underground ☒

2. **Mineral(s) to be mined:** Copper/Au/Silver Etc.

3. **Amount of material** to be extracted, moved, or proposed to be moved: _____
10 000 ton/month

4. Will any **water, liquid chemicals, reagents, or other solutions** be used, produced or discharged as part of the mining or milling process?
Yes ☐ No ☒ If yes, please describe (add extra pages if needed) _____

5. Provide a brief **description of the proposed mining operation** and onsite processing facilities (add extra pages if necessary). Mining operation is open cast mining and underground.
Mill facility gravity and flotation close circuit mill

6. ☒ **New Road(s):** Length 4 600 (ft) Width 20 ft (ft)

7. ☐ **Improved Road(s):** Provide a description of the improvements that need to be made to existing roads to access the site, including the Length _____ (ft) and Width _____ (ft) of new disturbances.

8. Total project surface **acreage to be disturbed:** 16.33 (acres) PLEASE SPECIFY EXACT ACREAGE - (this will be used to determine surety bond amount – see #VI).

9. Proposed **startup date** (month, year) Continuation
10. Proposed **completion date**, if known (month, year) Unknown

IV. **OPERATION AND RECLAMATION PRACTICES** (Rule R647-3-107, 108 & 109)

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover or within practical limits. To accomplish this, the Permittee / Operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining. Please refer to The Practical Guide to Reclamation in Utah, available at https://fs.ogm.utah.gov/pub/MINES/Coal_Related/RecMan/Reclamation_Manual.pdf.

1. *Keep the mining operation in a safe, clean, and environmentally stable condition.*
2. *Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.*
3. *Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.*
4. *Construct berms, fences, or barriers, when needed, above highwalls and excavations.*
5. *Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.*
6. *Remove all waste or debris from stream channels.*
7. *Dispose of any trash, scrap metal, wood, machinery, and buildings.*
8. *Conduct mining activities so as to minimize erosion and control sediment.*
9. *Reclaim all roads that are not part of a permanent transportation system.*
10. *Stockpile topsoil and suitable overburden prior to mining.*

11. Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible; reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.
12. Properly prepare seedbed to a depth of six inches by pocking, ripping, discing, or harrowing. Leave the surface rough.
13. Reseed disturbed areas with adaptable species. (The Division recommends a mixture of species of grass, forb, and browse seed, and will provide a specific species list if requested.)
14. Plant the seed with a rangeland or farm drill, or broadcast the seed. Fall is the preferred time to seed.

V. VARIANCE REQUEST (Rule R647-3-110)

Any variance request must be approved in writing by the Division

Any planned deviations from Rules R647-3-107, Operation Practices, R647-3-108, Hole Plugging Requirements, or R647-3-109, Reclamation Practices, as summarized above (see IV. Operation and Reclamation Practices Item # 1-14), should be identified below listing applicable rule number. Give justification for the variance(s) and alternate methods or measure to be utilized. Written approval from the Division will be given, if the proposed alternative methods to be used are consistent with the Act.

Are variances being requested? Yes ☐ No ☒

1st Variance Requested

Item # _____ Applicable Rule # (i.e. R647-3-109.10 (if you did not want trenches & pits reclaimed) _____
 Justification: _____
 Alternate methods or measure to be utilized: _____

2nd Variance Requested

Item # _____ Applicable Rule # _____
 Justification: _____
 Alternate methods or measure to be utilized: _____

3rd Variance Requested

Item # _____ Applicable Rule # _____
 Justification: _____
 Alternate methods or measure to be utilized: _____

Attach additional page if more variances are requested.

VI. SURETY (Utah Code Ann. §40-8-7(1)[c])

A reclamation contract and surety must be provided to and approved by the Division prior to commencement of operations. No surface disturbance is authorized until the surety is posted and approved in writing. The surety may be provided in the form of a certificate of deposit, a letter of credit, a surety bond, or cash. Please contact the Division for further information about submitting the surety. All mining operations are required to furnish and maintain reclamation surety to guarantee that the land affected is reclaimed (Utah Code Ann. §40-8-7(1)[c]).

The reclamation surety amount is based on the nature, extent and duration of operations. The amounts are based on data from current large mine surety and are used as a general guide, along with actual site conditions. Reclamation surety for small mines is reviewed every three (3) or five (5) years and adjusted as necessary for inflation/deflation based upon acceptable Costs Index. **Contact the Division for the dollar amount required for a three (3) or five (5) year period for this project.**

VII. PERMIT FEE (Utah Code Ann. §40-8-7(1)(i))

A permittee's authorization under a notice of intention to conduct small mining operations shall require the paying of permit fees as authorized by the Utah Legislature (R647-3-102.5). Permit fees are assessed to new and existing small mining operations, and annually thereafter, until the project disturbances are successfully reclaimed by the Permittee / Operator and released by the Division.

Small Mine Notices require a \$150.00 fee, which must accompany this application, or the Division cannot process it.

VIII. SIGNATURE REQUIREMENT

CERTIFICATION

I state under penalty of perjury under the laws of the state of Utah and the United States of America that:

- a. I have read this form and declare the information, statements and/or documentation are true, correct and complete to the best of my knowledge and belief; AND
- b. I commit to the reclamation of the aforementioned small mining project as required by the Utah Mined Land Reclamation Act (40-8) and the rules as specified by the Board of Oil, Gas and Mining.
- c. **This certification must be signed by:** (1.) an executive officer if the applicant is a corporation; (2.) a partner if applicant is a partnership (general or limited); (3.) the owner if applicant is a sole proprietorship; **or** (4.) the member or manager if applicant is a limited liability company.

Signature: _____

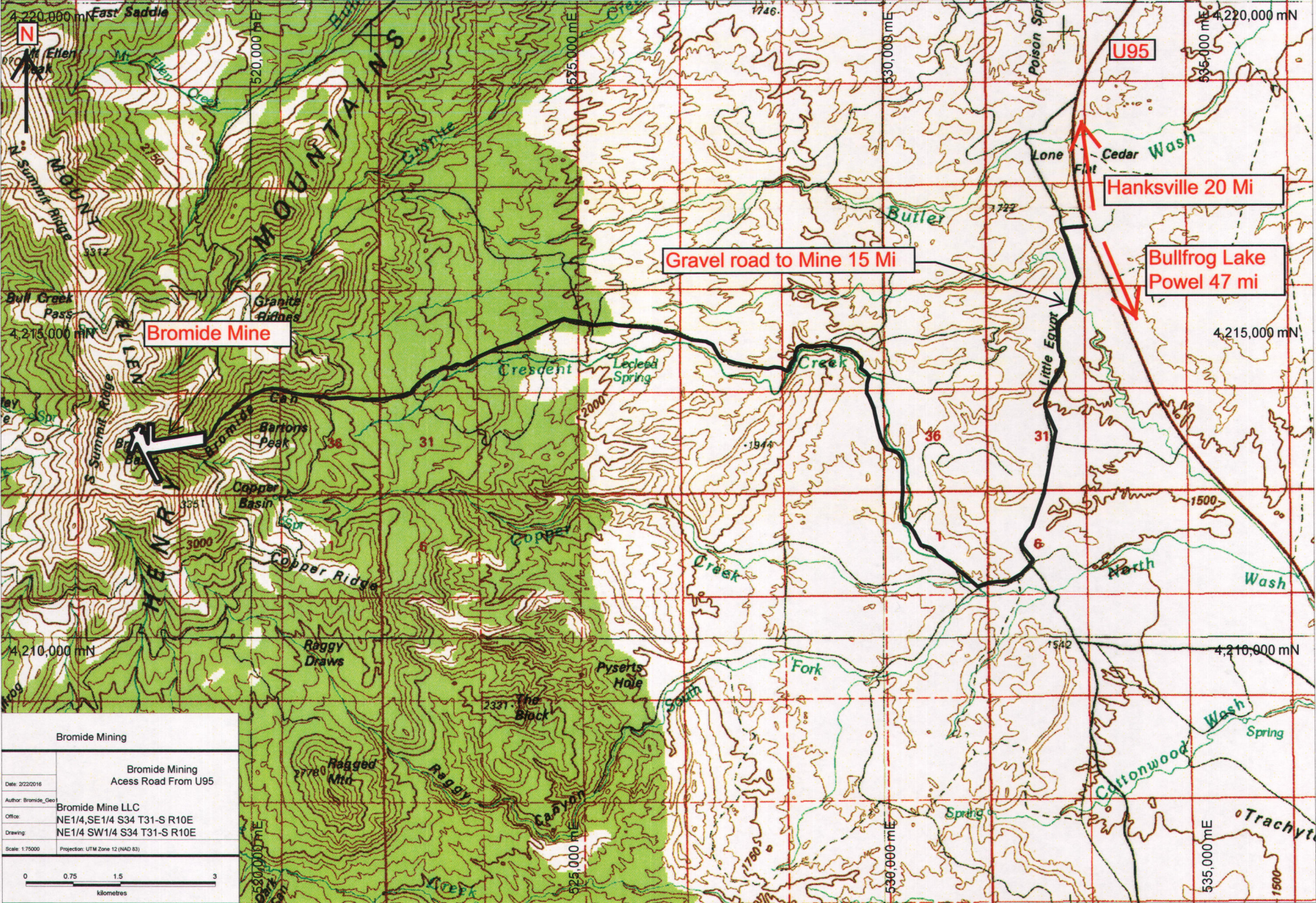
Date: _____

Name (typed or printed): _____

Title/Position (if applicable): _____

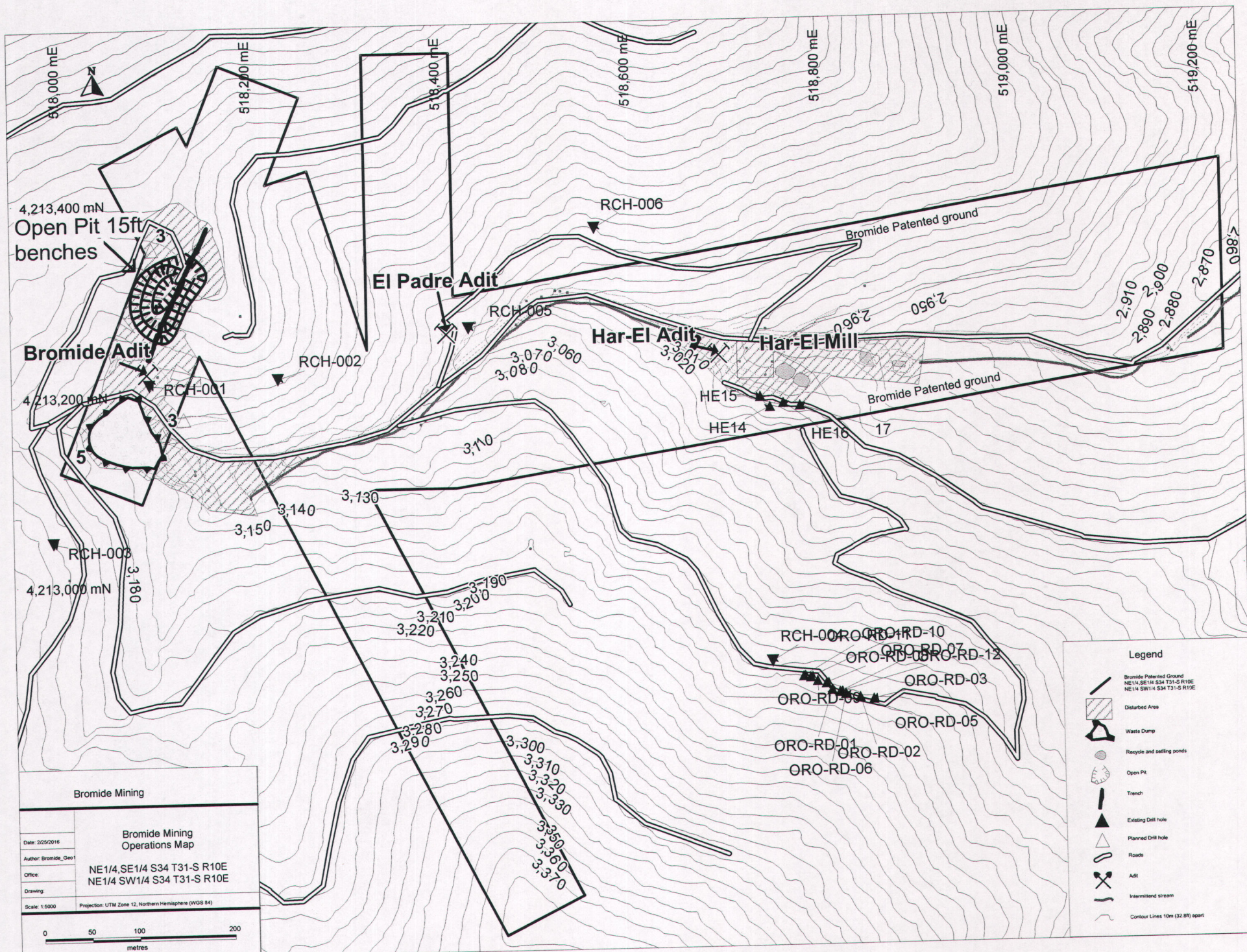
O:\FORMS\notices\Final\smo-09212009.doc

US Topo Mount Ellen Quadrangle



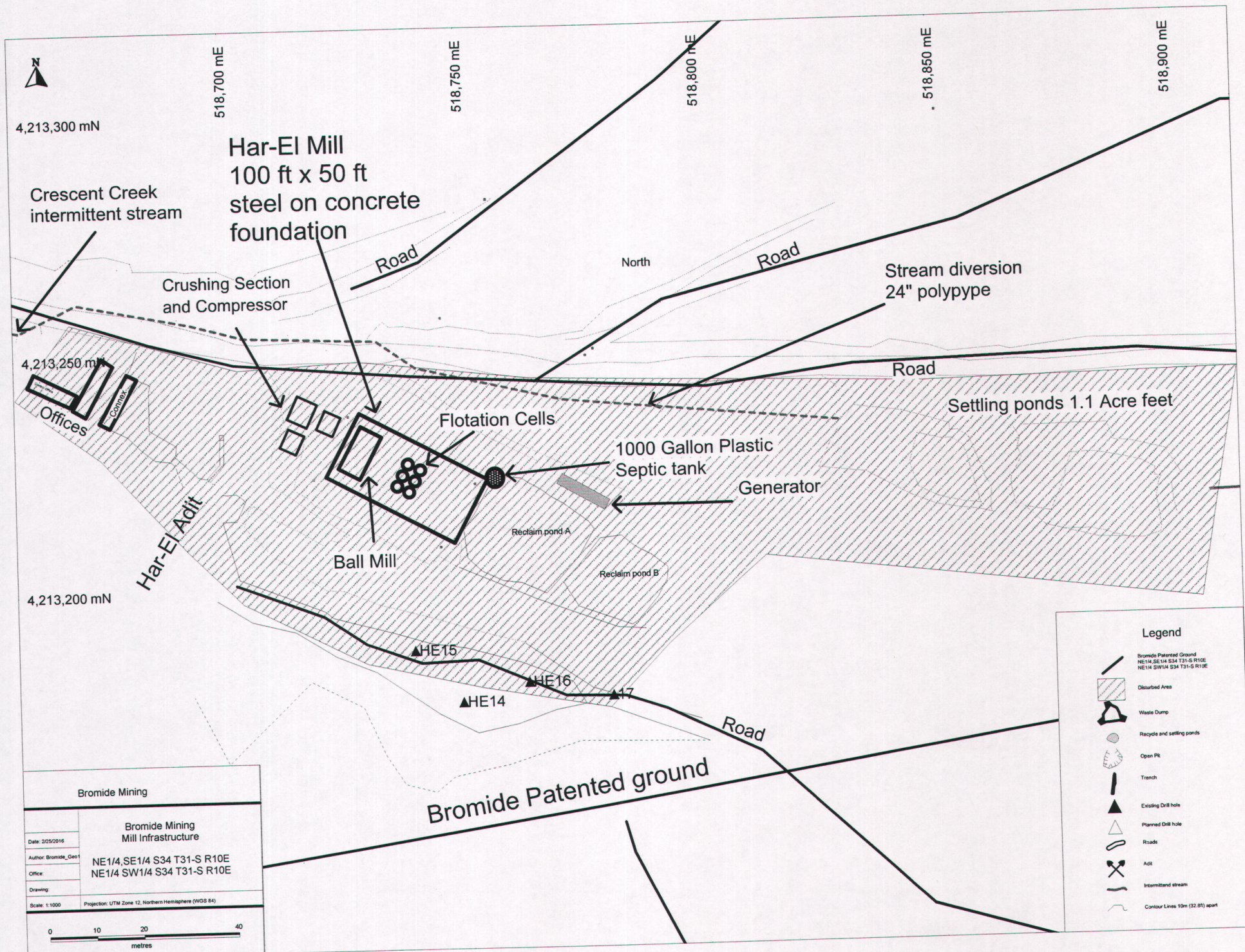
Bromide Mining	
Date: 3/22/2016	Bromide Mining Access Road From U95
Author: Bromide, Geo	
Office: Bromide Mine LLC	
Drawing: NE1/4, SE1/4 S34 T31-S R10E	
Scale: 1:75000	Projection: UTM Zone 12 (NAD 83)

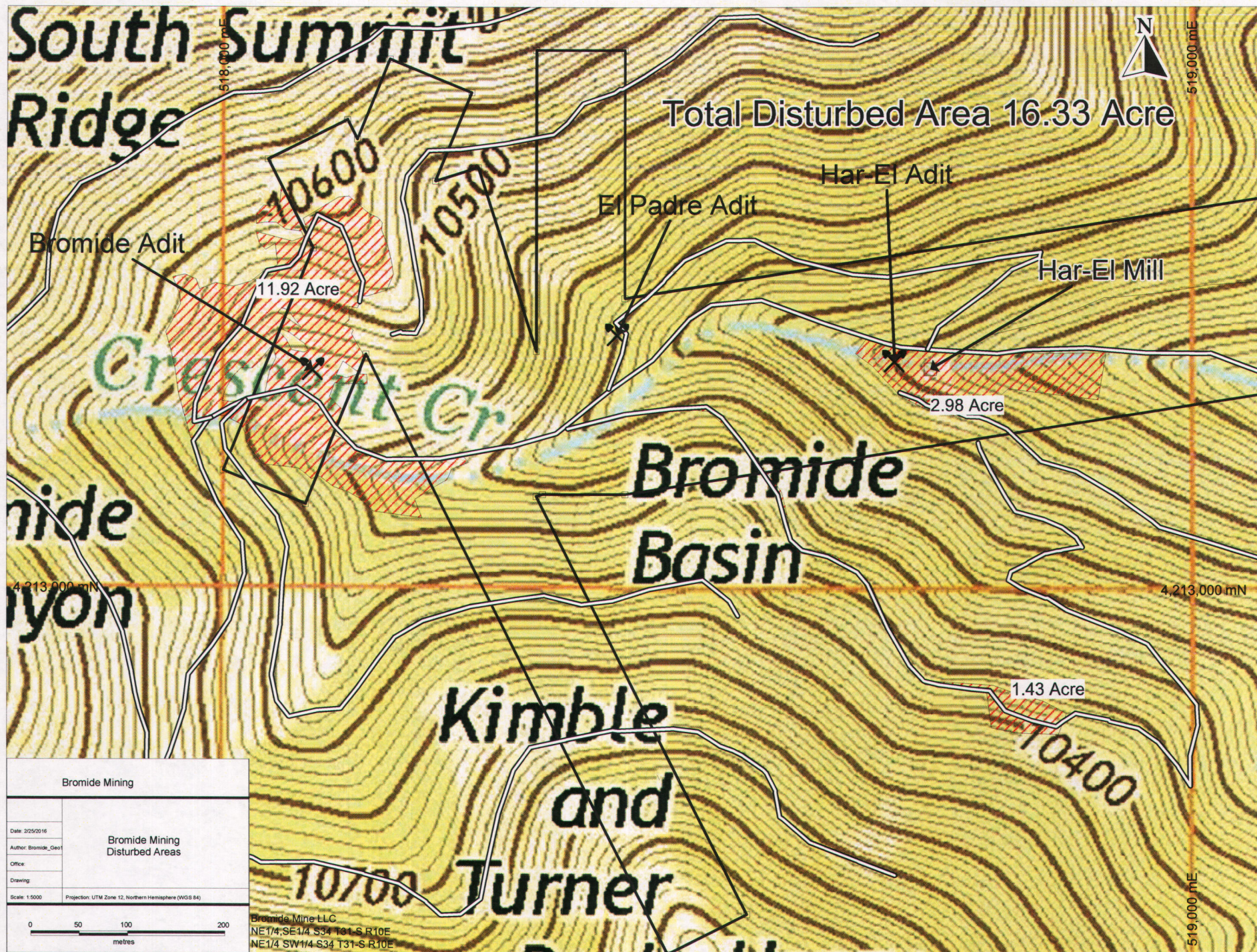
0 0.75 1.5 3
kilometres



Bromide Mining	
Date: 2/25/2016	Bromide Mining Operations Map NE1/4, SE1/4 S34 T31-S R10E NE1/4 SW1/4 S34 T31-S R10E
Author: Bromide_Geo	
Office:	
Drawing:	
Scale: 1:5000	Projection: UTM Zone 12, Northern Hemisphere (WGS 84)

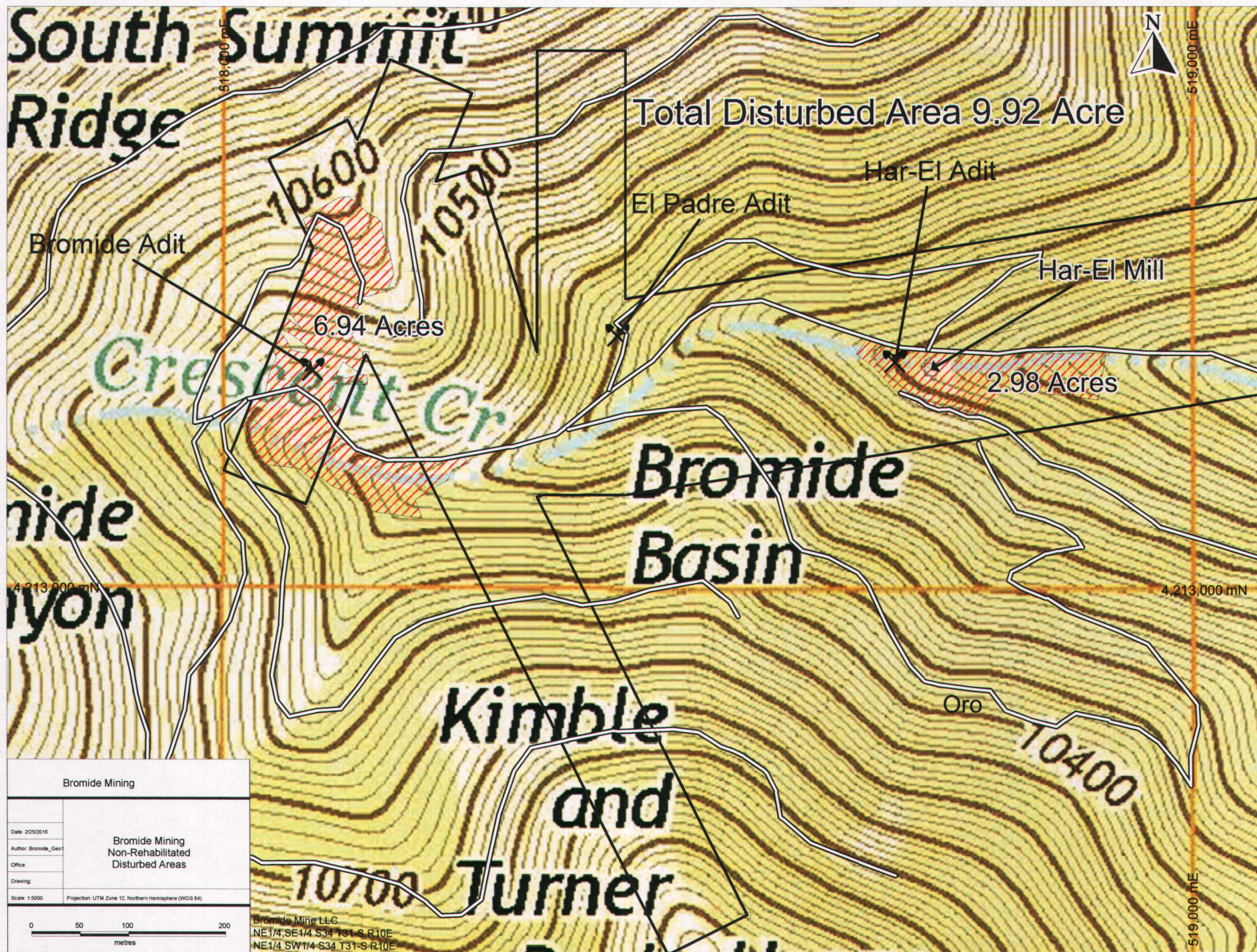
Legend	
	Bromide Patented Ground NE1/4, SE1/4 S34 T31-S R10E NE1/4 SW1/4 S34 T31-S R10E
	Disturbed Area
	Waste Dump
	Recycle and settling ponds
	Open Pit
	Trench
	Existing Drill hole
	Planned Drill hole
	Roads
	Adit
	Intermittent stream
	Contour Lines 10m (32 ft) apart





Bromide Mining	
Date: 2/25/2016	Bromide Mining Disturbed Areas
Author: Bromide_Geot	
Office:	
Drawing:	
Scale: 1:5000	Projection: UTM Zone 12, Northern Hemisphere (WGS 84)
<div><div></div><div>050100200</div><div>metres</div></div>	

Bromide Mine LLC
NE1/4, SE1/4 S34 T31-S R10E
NE1/4 SW1/4 S34 T31-S R10E



Total Disturbed Area 9.92 Acre

Bromide Adit

El Padre Adit

Har-EI Adit

Har-EI Mill

6.94 Acres

2.98 Acres

Bromide
Basin

Kimble
and
Turner

Oro

Bromide Mining

Bromide Mining
Non-Rehabilitated
Disturbed Areas

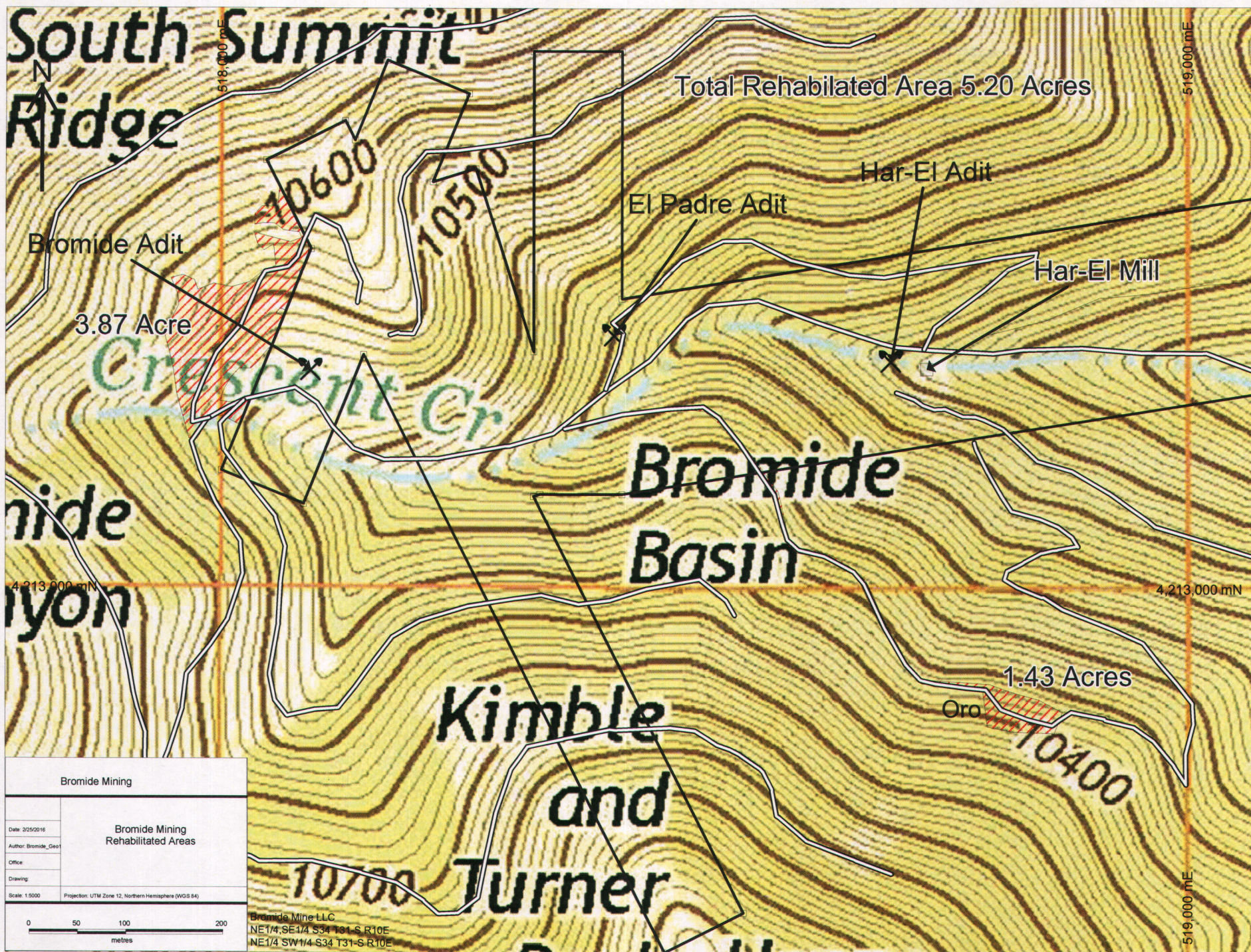
Date: 2/25/2016
Author: Bromide_Geo
Office:
Drawing:

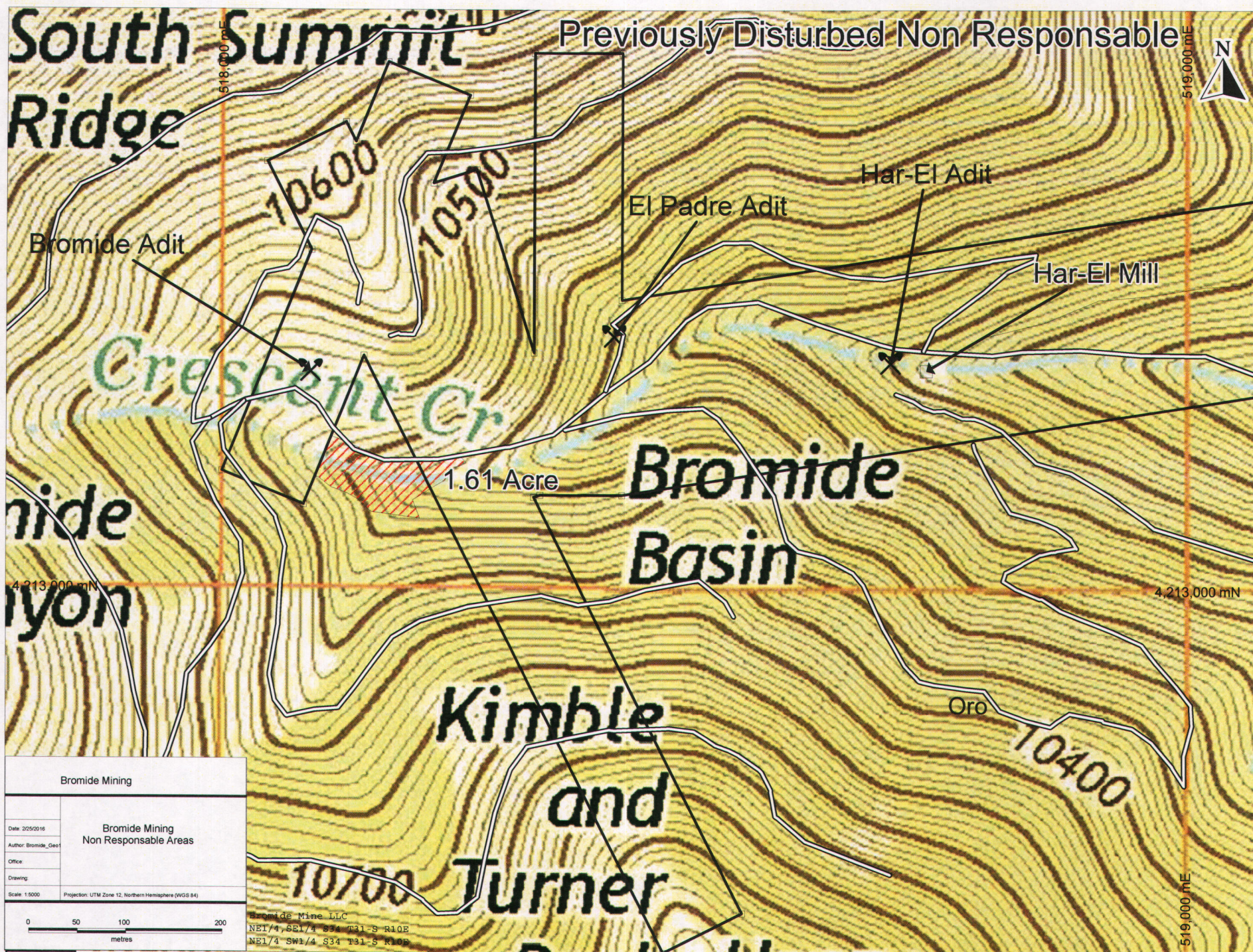
Scale: 1:5000 Projection: UTM Zone 12, Northern Hemisphere (WGS 84)

0 50 100 200
metres

Bromide Mine LLC
NE1/4, SE1/4, S34 T31 S R10E
NE1/4 SW1/4 S34 T31 S R10E

N° 4





Bromide Mining	
Date: 2/25/2016	Bromide Mining Non Responsible Areas
Author: Bromide_Geot	
Office:	
Drawing:	
Scale: 1:5000	Projection: UTM Zone 12, Northern Hemisphere (WGS 84)

N° 6

Bromide Mine LLC
NE1/4, SE1/4, S34, T31-S, R10E
NE1/4, SW1/4, S34, T31-S, R10E

BROMIDE MINING LLC.

MAPS INDEX AND DISCRIPTION

Map 1

Map 1 indicates the location and operation.

Driving out of Hanksville in a southerly direction on the U95 just past the 20 mile marker. Turn right and continue with the unpaved road past little Egypt geological site turn right sign eagle bench continue following the signs to eagle bench. Past the air field drive straight you will get two signs indicating saw mill basin and Wickiup pass don't turn continue straight for two miles until you reach the mine. Please report the control office.

USGS 7.5 mile series map.

Map 2

Map 2 indicates the complete mine's disturbed area showing the first section of disturbance at the Har-EL area. This has two ponds for the mill's close circuit circulation. The top area at the Bromide portal indicates a small open pit with a dump area. At the top of the open pit indicates a trench that was done on previous permit by Bromide mining. The dark triangles indicate all the drill holes that also have been permitted. The numbers 5.3.3 are indicating drill holes that are planed with the open cast.

Map 2B

Map 2B indicates the mill has a crushing section on the outside with a ball mill and gravity and flotation equipment on the inside of the mill. This is a closed circuit mill without any discharge. The mines compressors, generators and two mobile.

Map 3

Map 3 indicates the current disturbance of 9.92 acers. This acreage includes all the disturbance currently been utilized by the mine including roads ponds mill and mining.

Map 4

Map 4 indicates the complete mine disturbed area taken from Google Earth satellite imaging currently. We have measured and calculated including the area that the violation has been issued along with the Oro area shows a complete disturbance of 16.33 acers.

Map 5

Map 5 indicates the area that the violation was issued with the Oro area that has been rehabilitated accounting for 3.87 and 1.43 according to the Google earth imaging. The mine concern in this regards "one" it take us above the disturbed area allocation for small scale mining and "two" The area must be seeded and pass inspection for three growing seasons.

Map 6

Map 6 indicated a small triangle piece of ground belonging to BLM that was disturbed back as far as 1968 as per satellite imaging we are currently busy with a large scale mining plan that will include this section.